

## Module 5 - Electrical Instruments

ME3023 - Measurements in Mechanical Systems

Mechanical Engineering

Tennessee Technological University

### Topic 2 - More Analog Instruments

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- Safety and Electricity
- Using a Desktop Power Supply
- Using a Function Generator
- Using an Oscilloscope

# Safety and Electricity

Please read the **In-Lab Safety and Good Practices** document **or** the **Remote-Lab Safety and Good Practices** document.

Also, stay tuned for information about your lab safety training course. This is on ilearn **ME Lab Shop Safety Community**.

# Using a Desktop Power Supply



# Using a Desktop Power Supply



# Using a Function Generator



# Using a Function Generator

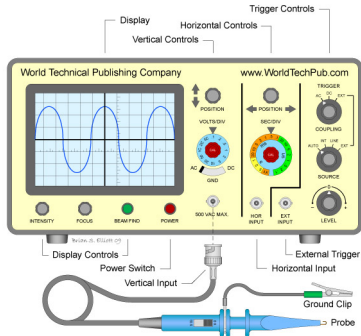
Thought Exercise: How does a function generator work?

What is in the box?

# Using a Function Generator



# Using an Oscilloscope



## Using an Oscilloscope

